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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/820,606

04/08/2004

Ken Naritomi

36633

8514

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7590

08/27/2004

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CLEVELAND, OH 44114-3108

EXAMINER

NGUYEN, HANH N

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 08/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/820,606

Applicant(s)

NARITOMI ET AL.

Examiner

Nguyen N Hanh

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 is/are allowed.
- 6) ☒ Claim(s) 7 is/are rejected.
- 7) ☒ Claim(s) 8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Specification*

1. The disclosure is objected to because of the following informalities: "the magnet cover 5" in line 2, page 6 of the specification should be written as --- the magnet cover 6---.

Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 7 is rejected under 35 U.S.C. 102(b) as being anticipated by Yamada (JP0200106123A).

Regarding claim 7, Yamada discloses a flywheel magneto generator, comprising: a magneto rotor, which has a press formed cylindrical flywheel and a magnet fixed to an outer circumferential side of a peripheral wall portion of the flywheel (paragraph 0046 and 0047 in page 5 of the translation); and a stator (3 in Fig. 4), which is constructed by winding a generating coil (16a and 16b) around a core (15) having a magnetic pole portion opposed to the outer circumference of the peripheral wall portion of the flywheel and a magnetic pole of said magnet via a gap; wherein there is provided a through hole which pierces through said peripheral wall portion of said flywheel in a radial direction of the peripheral wall portion (through hole to accommodate bolt 11), and an area

surrounding said through hole of said peripheral wall portion is recessed to an inner side of said radial direction, whereby a magnet housing recessed portion is formed in said peripheral wall portion, and said magnet is housed in said magnet housing recessed portion, one magnetic pole face thereof being bonded to a bottom portion of said magnet housing recessed portion (Fig. 4 and paragraph 0047).

***Allowable Subject Matter***

3. Claims 1-6 are allowed.
4. Claim 8 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1 the prior art of record does not show a flywheel magneto generator, comprising: a magneto rotor, which has a press formed cylindrical flywheel and a magnet fixed to an outer circumferential side of a peripheral wall portion of the flywheel wherein there is provided a through hole which pierces through said peripheral wall portion of said flywheel in a radial direction of the peripheral wall portion, a yoke plate provided so as to block one end of said through hole opened on an inner circumferential side of the peripheral wall portion of said flywheel is arranged on a inner circumferential side of said peripheral wall portion, and said magnet is arranged within said through hole, and is supported on said yoke plate, one magnetic pole face of said magnet being opposed to said yoke plate.

Regarding claim 8 the prior art of record does not show a flywheel magneto generator, comprising: a magneto rotor, which has a press formed cylindrical flywheel and a magnet fixed to an outer circumferential side of a peripheral wall portion of the flywheel; wherein there is provided a through hole which pierces through said peripheral wall portion of said flywheel in a radial direction of the peripheral wall portion, and an area surrounding said through hole of said peripheral wall portion is recessed to an inner side of said radial direction, whereby a magnet housing recessed portion is formed in said peripheral wall portion, and said magnet is housed in said magnet housing recessed portion and said magnet is supported by a magnet cover with the structure described in claim 8.

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh N Nguyen whose telephone number is (571) 272-2031. The examiner can normally be reached on Monday through Friday.

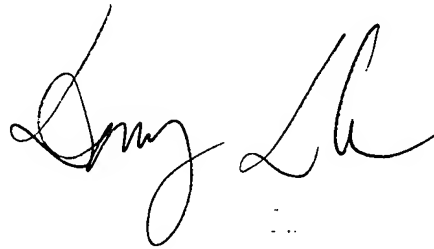
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberger, can be reached on (571) 272-2044. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Art Unit: 2834

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

HNN

August 19, 2004

A handwritten signature in black ink, appearing to read 'Dangle', written in a cursive style.

**DANGLE**  
**PRIMARY EXAMINER**